

Project 184 update
Weekly Report to the Agencies

Week of October 6, 2003

The canal is being patrolled three times a week and someone is on the canal daily. No major problems have been found which would prevent the canal to be filled to its capacity.

Goodfellow Construction is finishing up there work on restoring the canal bench. There are small items along the project which will require the use of a helicopter this week or next. The Camp 'S' road is being graded and water bars installed. The concrete flume section is being hauled from the staging area to Sierra Pacific Industries property at Plum Creek. This part of the project will take 3 weeks. The soil erosion and landscaping of the bench is over 50% completed.

EID and Larry Taylor, US Forest Service will be meeting to review the work that is planned on being done to the Camp #2 Short Cut road. The meeting will take place October 6, 2003, and repairs will take place shortly after if weather conditions permit.

Alstom Power Inc. will be at EL Dorado Powerhouse for the month of October for testing circuits, and units for power production. No. 2 unit was turned on Thursday using water and performed well. No.1 unit was turned on Friday using water and performed well. The penstock is being patrolled and inspected as the tests are being conducted, and afterwards. Powerhouse Commissioning is underway and is expected to complete in Late October. Actual Power generation is scheduled for early November.

Plans and a schedule are being drawing up to repair or replace the conduit and tunnel at Echo Lake. The slumps and rock fall, which has occurred in the tunnel, have been surveyed and plans are being made to repair them. Safety fence has been installed around the areas of concern. EID will approach this work in a phase work plan over the next few years.

EID is doing engineering and getting bids on the slide between Flumes #6 and #7. The plan is to fly a drill rig in and set it below the canal. Horizontal drains would be installed to relieve the water pressure against the concrete lined canal sections. Flights will be between Lower Portals of Alder Creek and between Flumes #6 and #7. We expect to commence this canal maintenance work late October.

EID is releasing 3.82 cfs from Echo Lake-to-Lake Tahoe this week and 15.6 cfs through the conduit into the South Fork of the American River. SCADA monitors the flows and the high and low alarms are set for any problems. In addition the system will be patrolled on a daily basis.

A letter has been sent to Sierra Pacific Industries requesting permission to install a gate on the access road into Flumes #39 & 40. The work on repairing the slide and replacing the generator at Spillway #23 is scheduled for the Week of the 6th.

The plastic cover the spoil piles at Webber Mill spoil site has been uncovered. The tires and plastic that was used to cover the spoils has been hauled to the dump.

EID has replaced the gate going into the Camp #2 house; it will have a Forest Service lock installed.

The work at the Alder Creek Diversion dam has been put on hold because of the high fire danger; work was planned starting the first week of October. The work includes changing the sluice gate, repairing the grizzly gate, repair work on the upstream face of the diversion structure and moving some rocks off the side of the flow channel. The repairs will require welding and cement based grout work. All work will be done in compliance with our Stream Alteration Agreement. Fire fighting equipment will be on site during the work, including axe/shovels; dry chemical fire extinguishers, backpack pumps, and a gas pump with fire hose. We will have a fire watch and abide by any fire restrictions in effect at the time. To get the equipment and material to and from the job site it will require flying from the Camp #1 road and lower Portals of Alder Creek to the Alder Creek Diversion. If the helicopter becomes available EID plans to start the work at Alder Creek on Monday the 6th or Tuesday the 7th.

Permits have been acquired for the rip raping of the Caples Lake Main Dam. EID is acquiring rock from the site at Tragedy Springs, which should help put to rest any concerns about noxious weeds. Work should start the week October 13, 2003.

When Silver Lake is drawn down enough to open the radial gates plans are to paint the gates and replace the concrete apron in the left groin. Work should start the week of October 20, 2003.

EID is working closely with the proper agencies to acquire permits for Lake Aloha Dam to install a telemetry station and make repairs to the dam, which are planed for the fall of 2004.

A visit was made October 2, 2003 to Lake Aloha.

Staff 6.50 = 76 af

Draft 2 cfs increased to 3 cfs at 1100.

Listed below are the Projects readings for September 29, 2003 taken from SCADA:

	Staff	Ac. Ft.	Draft
Echo Lake	4.00	1,279	15.6
Echo Conduit	3.06		15.6 cfs
Echo Creek	1.54		3.82 cfs

Caples Lake	56.36	18,916	18 cfs
Silver Lake	16.00	5,445	30.6
Pyramid Creek	1.39 = 4.54		

There is 33.5 cfs being released into the canal at Intake and 56.5 cfs flowing in the South Fork of the American River at Intake.

A-17 Forebay Storage $3798.7 = 329$ ac. ft.

A=18 EID Irrigation Usage 26.5 cfs.

Camp #5 General Info

530-644-1960

Mark Korkowski

Co-Head Hydro Operations

530-647-5152